



CALIFORNIA

Agricultural Bulletin

EDD Employment
Development
Department
State of California

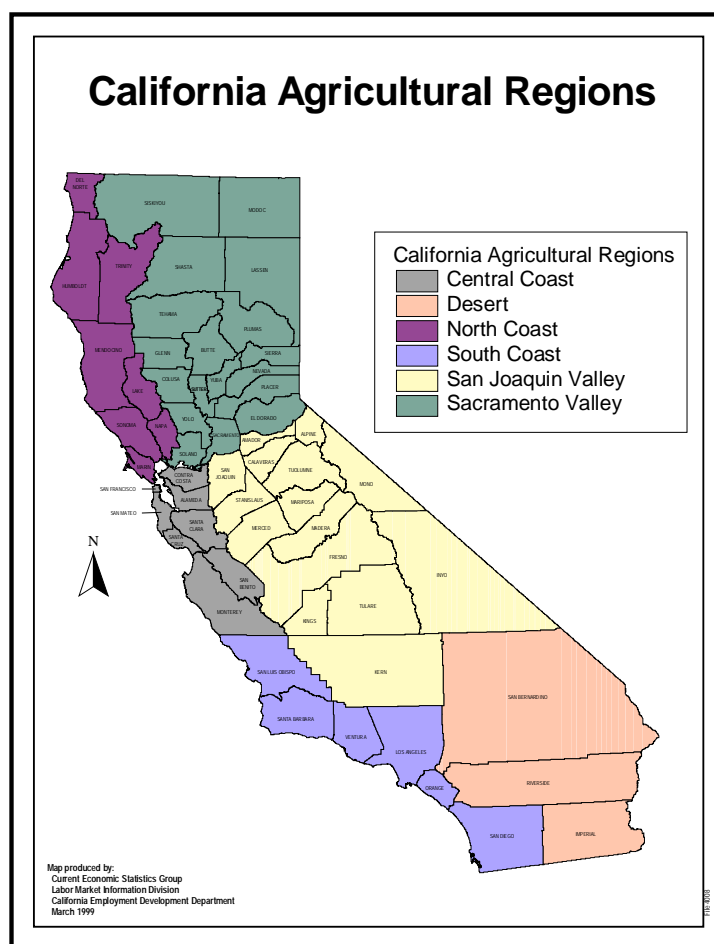
June 2000
(Internet Version)

Agricultural Overview

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This bulletin covers 27 agricultural industries in the State of California. The number of industries ranges from five to seventeen within each of the six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details).



The data are organized into the following tables by state and region:

- Wage and Salary Workers
- Average Hourly Earnings

LMID
Labor Market Information Division
"Your Information Source"

Introduction

The California Agricultural Bulletin is produced by the Employment Development Department (EDD) in cooperation with the U.S. Department of Agriculture and through a grant from the U.S. Department of Labor. Because of changes in sampling and estimating procedures, farm employment data published by EDD prior to January 1997 may not be strictly comparable to current estimates.

Summary

Employment

California agricultural employment for June 2000 increased by 22,000 jobs over the previous month, a gain of five percent. Total Agricultural Production, from May 2000 to June 2000, registered a decrease of 6,200 jobs, a loss of three percent. Agricultural Services registered an increase of 28,200 jobs, for a gain of 16 percent. The increase in total agricultural employment for the month of June is normal. The change in California agricultural employment from May 1999 to June 1999 was an increase of 45,500 jobs.

Farm Labor Contractors continued to register the largest change in the number of jobs with an increase of 17,100 for the month of June 2000. Preparation Services for Market registered a significant increase, also, with a gain of 9,800 jobs. In Agricultural Production, Grapes registered the largest increase in jobs with a gain of 9,400. The largest decrease for June 2000 was registered in Vegetables and Melons with a decline of 7,600 workers. Total agricultural employment increased in the Central Coast, Desert, San Joaquin Valley, and Sacramento Valley regions while decreases were registered in the North Coast and South Coast regions.

Production and Crop Activity

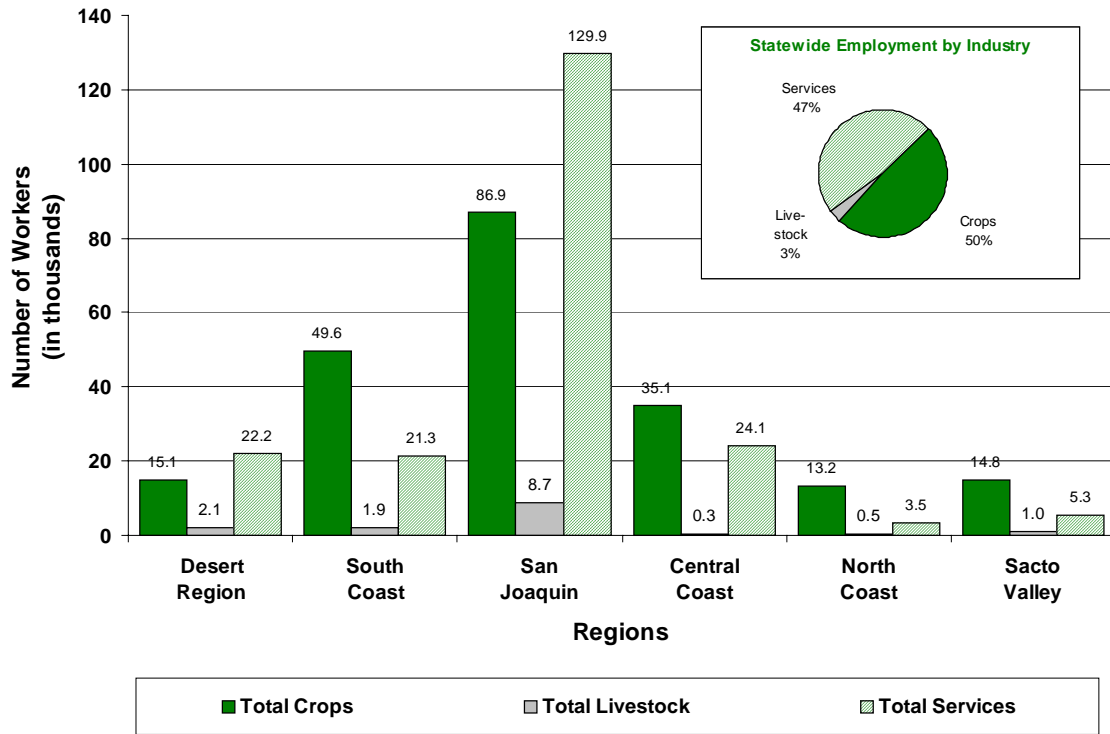
Light to moderate rainfall and scattered hailstorms delayed fieldwork in the San Joaquin and Sacramento Valley areas during the first part of the month. However, by mid-month, field activities were progressing normally under favorable weather conditions in most areas. The harvesting of wheat grain was ongoing in the southern San Joaquin Valley and winding down in the Imperial Valley. Cotton fields were cultivated, irrigated, thinned, weeded, and sprayed for leafhoppers and mites. Old crop sugar beets were harvested while new crop fields were being planted. Corn for grain and silage was planted following the grain hay harvests. Rice planting neared completion and fields were sprayed for weeds and water weevils. Alfalfa, sudan grass, and small grains were cut for hay or greenchopped. Tomatoes were planted in the San Joaquin and Sacramento valleys. Vegetables harvested during the month included artichokes, bok choy, broccoli, cabbage, cauliflower, cilantro, garlic, leeks, lettuce, onions, potatoes, snap beans, squash, sweet corn, turnips, and various greens and herbs.

Grape and almond growers applied fungicides and insecticides. Walnut trees were treated for blight. Grape picking continued in the Coachella Valley and strawberry picking continued in the central part of the state. Fruit thinning was active in late variety stone fruit orchards and the harvesting of apricot, cherries, nectarines, and freestone peaches continued. Valencia oranges and lemons were picked in southern California. Other cultural activities included extensive weed control and irrigation of vineyards and orchards.

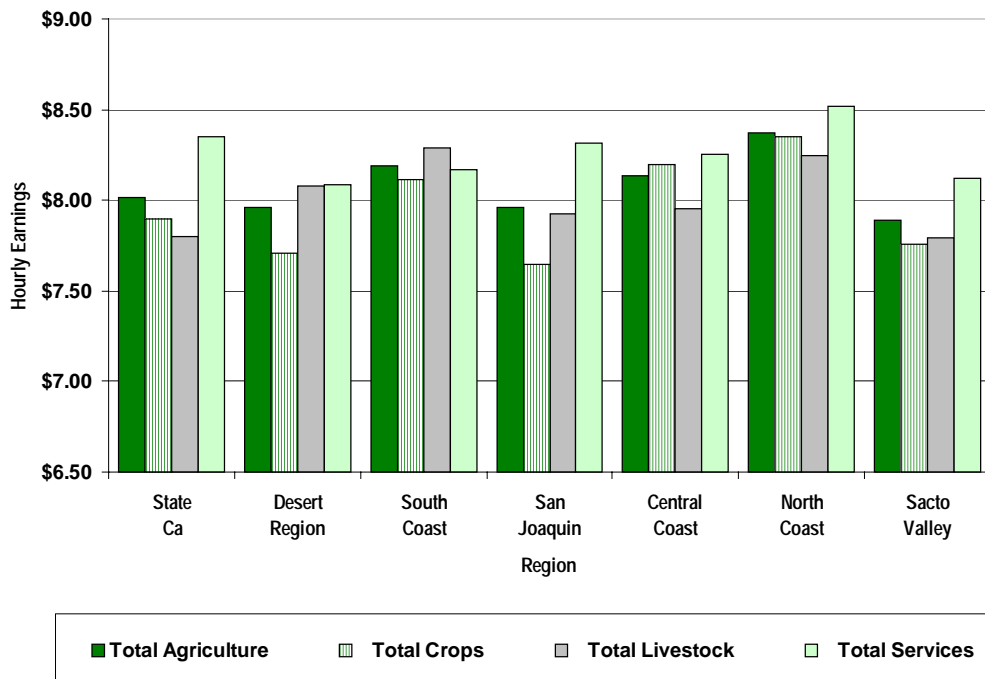
Cattle were moved to higher elevation summer pastures and permanent pastures were irrigated.

Agricultural Summary Charts

Wage and Salary Workers



Average Hourly Earnings



CALIFORNIA AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Jun 2000	May 2000	Jun 1999
Total Agriculture	435.5	413.5	465.7
Total Agricultural Production/Crops	214.7	218.8	223.5
Cash Grains	3.5	3.9	2.1
Rice	1.7	2.1	1.1
Other Cash Grains	1.8	1.8	1.0
Field Crops Except Grains	19.7	14.6	13.7
Cotton	7.6	4.3	7.7
Other Field Crops	12.1	10.3	6.0
Vegetables and Melons	33.4	41.0	35.0
Total Fruits and Tree Nuts	95.8	92.5	109.1
Berries	20.0	22.6	28.4
Grapes	41.7	32.3	44.6
Tree Nuts	6.0	6.5	7.7
Citrus Fruits	4.7	6.5	4.8
Deciduous Tree Fruit	13.4	11.4	15.2
Other Fruits & Nuts	10.0	13.2	8.4
Total Horticultural Specialties	32.8	34.6	35.1
Ornamental Floral & Nursery	31.0	33.3	31.8
Food Crops Grown Under Cover	1.8	1.3	3.3
General Farm Primarily Crop	29.5	32.2	28.5
Agricultural Production/Livestock	14.5	16.6	27.8
Beef Cattle Feed Lots	0.6	0.7	1.1
Beef Cattle Except Feed Lots	0.9	0.8	3.0
Dairy Farms	9.2	10.9	15.7
Chicken Eggs	0.5	1.7	2.4
Turkey & Turkey Eggs	0.1	0.1	0.9
Other Livestock	3.2	2.4	4.7
Total Agricultural Services	206.3	178.1	214.4
Soil Preparation Services	1.7	1.5	2.0
Crop Services	50.7	41.4	56.1
Plant Cultivate & Protection	8.0	7.3	7.8
Harvest Primarily by Machine	4.2	5.4	7.6
Preparation Services for Market	38.1	28.3	39.7
Cotton Ginning	0.4	0.4	1.0
Total Farm Labor & Management	153.9	135.2	156.3
Farm Labor Contractors	141.9	124.8	146.9
Farm Management Services	12.0	10.4	9.4

Industry	Jun 2000	Apr 2000	Jun 1999
Total Agriculture	8.02	8.03	8.03
Total Agricultural Production/Crops	7.89	7.89	7.96
Cash Grains	8.08	8.02	7.89
Rice	8.06	8.11	8.28
Other Cash Grains	8.10	7.92	7.49
Field Crops Except Grains	7.61	7.78	7.84
Cotton	7.28	7.55	7.71
Other Field Crops	7.94	8.01	7.96
Vegetables and Melons	7.82	7.84	7.97
Total Fruits and Tree Nuts	7.83	7.74	7.92
Berries	8.09	7.92	8.12
Grapes	7.66	7.53	8.20
Tree Nuts	7.91	7.56	7.94
Citrus Fruits	7.52	7.70	8.26
Deciduous Tree Fruit	7.74	7.61	7.25
Other Fruits & Nuts	8.05	8.10	7.78
Total Horticultural Specialties	8.19	8.07	8.27
Ornamental Floral & Nursery	8.03	7.86	8.27
Food Crops Grown Under Cover	8.35	8.28	8.27
General Farm Primarily Crop	7.85	7.91	7.89
Agricultural Production/Livestock	7.80	7.71	7.59
Beef Cattle Feed Lots	7.59	7.71	8.17
Beef Cattle Except Feed Lots	8.26	8.12	8.00
Dairy Farms	8.38	8.16	8.62
Chicken Eggs	6.85	6.66	6.23
Turkey & Turkey Eggs	7.75	7.75	6.25
Other Livestock	7.97	7.84	8.30
Total Agricultural Services	8.35	8.50	8.54
Soil Preparation Services	8.55	8.68	9.00
Crop Services	8.60	8.67	8.83
Plant Cultivate & Protection	8.31	8.28	8.27
Harvest Primarily by Machine	8.54	8.79	8.67
Preparation Services for Market	8.05	8.01	8.32
Cotton Ginning	9.51	9.62	10.05
Total Farm Labor & Management	7.91	8.14	7.79
Farm Labor Contractors	7.78	7.78	7.32
Farm Management Services	8.04	8.50	8.26

CENTRAL COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Industry	Jun 2000	May 2000	Jun 1999
Total Agriculture	59.5	55.4	70.2
Total Agricultural Production/Crops	35.1	33.0	42.3
Cash Grains	0.0	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	5.7	2.7	0.2
Cotton	0.0	0.0	0.0
Other Field Crops	5.7	2.7	0.2
Vegetables and Melons	8.8	7.8	15.3
Total Fruits and Tree Nuts	10.4	10.2	15.2
Berries	8.3	8.1	12.9
Grapes	0.3	0.0	1.2
Tree Nuts	0.4	1.0	0.2
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	0.2	0.2	0.8
Other Fruits & Nuts	1.2	0.9	0.1
Total Horticultural Specialties	9.7	10.5	8.9
Ornamental Floral & Nursery	9.1	10.5	6.8
Food Crops Grown Under Cover	0.6	0.0	2.1
General Farm Primarily Crop	0.5	1.8	2.7
Agricultural Production/Livestock	0.3	0.2	1.0
Beef Cattle Feed Lots	0.0	0.0	0.3
Beef Cattle Except Feed Lots	0.0	0.0	0.1
Dairy Farms	0.0	0.0	0.1
Chicken Eggs	0.0	0.0	0.1
Turkey & Turkey Eggs	0.0	0.0	0.1
Other Livestock	0.3	0.2	0.3
Total Agricultural Services	24.1	22.2	26.9
Soil Preparation Services	1.3	0.7	0.9
Crop Services	9.9	7.4	10.9
Plant Cultivate & Protection	0.1	0.0	0.8
Harvest Primarily by Machine	1.2	3.1	2.1
Preparation Services for Market	8.6	4.3	8.0
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	12.9	14.1	15.1
Farm Labor Contractors	12.6	12.2	14.1
Farm Management Services	0.3	1.9	1.0

na = not available

Average Hourly Earnings
(In dollars per hour)

Industry	Jun 2000	May 2000	Jun 1999
Total Agriculture	8.13	8.19	8.08
Total Agricultural Production/Crops	8.20	8.13	8.00
Cash Grains	na	na	na
Rice	na	na	na
Other Cash Grains	na	na	na
Field Crops Except Grains	8.02	7.84	8.23
Cotton	na	na	na
Other Field Crops	8.02	7.84	8.23
Vegetables and Melons	8.03	8.01	8.05
Total Fruits and Tree Nuts	8.32	8.24	8.20
Berries	8.57	8.58	8.15
Grapes	7.75	na	8.50
Tree Nuts	8.43	7.87	8.14
Citrus Fruits	na	na	na
Deciduous Tree Fruit	8.45	8.14	8.44
Other Fruits & Nuts	8.41	8.37	7.78
Total Horticultural Specialties	8.55	8.47	8.12
Ornamental Floral & Nursery	8.59	8.47	7.96
Food Crops Grown Under Cover	8.50	na	8.27
General Farm Primarily Crop	8.08	8.11	7.42
Agricultural Production/Livestock	7.95	7.96	7.52
Beef Cattle Feed Lots	na	na	8.17
Beef Cattle Except Feed Lots	na	na	8.00
Dairy Farms	na	na	8.62
Chicken Eggs	na	na	6.23
Turkey & Turkey Eggs	na	na	5.90
Other Livestock	7.95	7.96	8.19
Total Agricultural Services	8.25	8.47	8.73
Soil Preparation Services	8.15	8.20	9.40
Crop Services	8.53	8.88	8.83
Plant Cultivate & Protection	7.84	na	8.63
Harvest Primarily by Machine	9.17	9.09	9.37
Preparation Services for Market	8.59	8.66	8.50
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.07	8.33	7.95
Farm Labor Contractors	7.83	7.87	7.23
Farm Management Services	8.31	8.78	8.67

DESERT AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Jun 2000	May 2000	Jun 1999
Total Agriculture	39.4	38.5	52.0
Total Agricultural Production/Crops	15.1	13.6	19.2
Cash Grains	0.0	0.0	0.1
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.1
Field Crops Except Grains	1.3	1.7	1.8
Cotton	0.0	0.0	0.0
Other Field Crops	1.3	1.7	1.8
Vegetables and Melons	1.3	2.9	3.4
Total Fruits and Tree Nuts	8.1	4.0	9.6
Berries	0.0	0.0	0.2
Grapes	6.9	1.4	7.0
Tree Nuts	0.2	0.2	0.1
Citrus Fruits	0.5	1.6	1.1
Deciduous Tree Fruit	0.0	0.0	0.1
Other Fruits & Nuts	0.5	0.8	1.1
Total Horticultural Specialties	1.2	1.9	1.5
Ornamental Floral & Nursery	0.9	1.6	1.4
Food Crops Grown Under Cover	0.3	0.3	0.1
General Farm Primarily Crop	3.2	3.1	2.8
Agricultural Production/Livestock	2.1	4.2	5.5
Beef Cattle Feed Lots	0.0	0.0	0.3
Beef Cattle Except Feed Lots	0.0	0.1	0.5
Dairy Farms	1.4	2.7	2.9
Chicken Eggs	0.0	1.0	1.2
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.7	0.4	0.6
Total Agricultural Services	22.2	20.7	27.3
Soil Preparation Services	0.0	0.2	0.2
Crop Services	5.0	4.4	8.0
Plant Cultivate & Protection	0.6	0.3	1.2
Harvest Primarily by Machine	0.1	0.0	1.7
Preparation Services for Market	4.2	4.1	4.7
Cotton Ginning	0.1	0.0	0.4
Total Farm Labor & Management	17.2	16.1	19.1
Farm Labor Contractors	16.7	15.9	17.9
Farm Management Services	0.5	0.2	1.2

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Jun 2000	May 2000	Jun 1999
Total Agriculture	7.96	7.83	8.27
Total Agricultural Production/Crops	7.71	7.73	8.11
Cash Grains	na	na	7.48
Rice	na	na	na
Other Cash Grains	na	na	7.48
Field Crops Except Grains	7.73	7.88	7.97
Cotton	na	na	na
Other Field Crops	7.73	7.88	7.97
Vegetables and Melons	7.60	7.39	8.18
Total Fruits and Tree Nuts	7.56	7.51	8.06
Berries	na	na	7.91
Grapes	7.53	7.25	8.12
Tree Nuts	7.05	6.73	8.01
Citrus Fruits	7.23	7.49	8.26
Deciduous Tree Fruit	na	na	7.25
Other Fruits & Nuts	8.41	8.58	8.83
Total Horticultural Specialties	8.13	8.08	8.84
Ornamental Floral & Nursery	7.69	7.68	8.73
Food Crops Grown Under Cover	8.56	8.47	8.94
General Farm Primarily Crop	7.54	7.81	8.11
Agricultural Production/Livestock	8.08	7.56	8.23
Beef Cattle Feed Lots	na	na	7.66
Beef Cattle Except Feed Lots	na	7.76	8.54
Dairy Farms	8.35	8.24	9.67
Chicken Eggs	na	6.55	6.61
Turkey & Turkey Eggs	na	na	na
Other Livestock	7.81	7.68	8.69
Total Agricultural Services	8.08	8.19	8.48
Soil Preparation Services	na	8.42	9.28
Crop Services	8.37	7.90	8.73
Plant Cultivate & Protection	8.00	8.14	8.90
Harvest Primarily by Machine	8.40	na	8.01
Preparation Services for Market	7.78	7.66	8.44
Cotton Ginning	9.30	na	9.55
Total Farm Labor & Management	7.80	8.25	7.43
Farm Labor Contractors	7.88	8.47	7.76
Farm Management Services	7.71	8.03	7.09

NORTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Jun 2000	May 2000	Jun 1999
Total Agriculture	17.2	19.9	17.4
Total Agricultural Production/Crops	13.2	17.9	12.4
Cash Grains	0.0	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	0.0	0.0	0.0
Cotton	0.0	0.0	0.0
Other Field Crops	0.0	0.0	0.0
Vegetables and Melons	2.3	8.2	0.2
Total Fruits and Tree Nuts	10.7	8.8	10.1
Berries	0.0	0.0	0.0
Grapes	9.7	7.6	9.0
Tree Nuts	0.0	0.0	0.1
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	0.1	0.1	0.9
Other Fruits & Nuts	0.9	1.1	0.1
Total Horticultural Specialties	0.1	0.8	1.8
Ornamental Floral & Nursery	0.1	0.8	1.6
Food Crops Grown Under Cover	0.0	0.0	0.2
General Farm Primarily Crop	0.1	0.1	0.3
Agricultural Production/Livestock	0.5	0.6	1.9
Beef Cattle Feed Lots	0.0	0.0	0.1
Beef Cattle Except Feed Lots	0.1	0.1	0.2
Dairy Farms	0.4	0.4	1.0
Chicken Eggs	0.0	0.0	0.1
Turkey & Turkey Eggs	0.0	0.0	0.1
Other Livestock	0.0	0.1	0.4
Total Agricultural Services	3.5	1.4	3.1
Soil Preparation Services	0.1	0.1	0.1
Crop Services	0.0	0.0	0.1
Plant Cultivate & Protection	0.0	0.0	0.0
Harvest Primarily by Machine	0.0	0.0	0.0
Preparation Services for Market	0.0	0.0	0.1
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	3.4	1.3	2.9
Farm Labor Contractors	1.9	0.7	1.0
Farm Management Services	1.5	0.6	1.9

Industry	Jun 2000	May 2000	Jun 1999
Total Agriculture	8.37	8.20	8.32
Total Agricultural Production/Crops	8.35	8.28	8.52
Cash Grains	na	na	na
Rice	na	na	na
Other Cash Grains	na	na	na
Field Crops Except Grains	na	na	na
Cotton	na	na	na
Other Field Crops	na	na	na
Vegetables and Melons	8.31	8.44	9.00
Total Fruits and Tree Nuts	8.34	8.48	7.96
Berries	na	na	na
Grapes	8.49	8.75	9.28
Tree Nuts	na	na	7.94
Citrus Fruits	na	na	na
Deciduous Tree Fruit	8.60	8.67	6.82
Other Fruits & Nuts	7.93	8.03	7.81
Total Horticultural Specialties	8.63	8.12	8.12
Ornamental Floral & Nursery	8.63	8.12	7.97
Food Crops Grown Under Cover	na	na	8.27
General Farm Primarily Crop	8.12	8.07	8.98
Agricultural Production/Livestock	8.25	7.74	7.47
Beef Cattle Feed Lots	na	na	8.17
Beef Cattle Except Feed Lots	8.13	8.09	7.47
Dairy Farms	8.36	7.63	7.93
Chicken Eggs	na	na	6.23
Turkey & Turkey Eggs	na	na	6.95
Other Livestock	na	7.50	8.05
Total Agricultural Services	8.52	8.58	8.99
Soil Preparation Services	8.61	8.70	9.20
Crop Services	na	na	8.91
Plant Cultivate & Protection	na	na	na
Harvest Primarily by Machine	na	na	na
Preparation Services for Market	na	na	8.91
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.43	8.45	8.86
Farm Labor Contractors	8.02	7.88	8.16
Farm Management Services	8.83	9.02	9.55

na = not available

SOUTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Jun 2000	May 2000	Jun 1999
Total Agriculture	72.8	75.9	71.5
Total Agricultural Production/Crops	49.6	56.3	50.3
Cash Grains	0.1	0.1	0.2
Rice	0.0	0.0	0.0
Other Cash Grains	0.1	0.1	0.2
Field Crops Except Grains	0.9	0.7	0.2
Cotton	0.0	0.0	0.1
Other Field Crops	0.9	0.7	0.2
Vegetables and Melons	8.8	13.2	8.6
Total Fruits and Tree Nuts	22.9	23.8	20.2
Berries	10.7	13.6	15.0
Grapes	2.2	2.4	1.7
Tree Nuts	0.0	0.0	0.1
Citrus Fruits	3.9	2.8	1.6
Deciduous Tree Fruit	0.1	0.1	0.1
Other Fruits & Nuts	6.0	4.9	1.7
Total Horticultural Specialties	13.5	14.1	16.9
Ornamental Floral & Nursery	12.8	13.4	16.1
Food Crops Grown Under Cover	0.7	0.7	0.8
General Farm Primarily Crop	3.4	4.4	4.2
Agricultural Production/Livestock	1.9	1.0	2.1
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.5	0.1	0.4
Dairy Farms	0.9	0.4	0.2
Chicken Eggs	0.0	0.0	0.4
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.5	0.5	1.1
Total Agricultural Services	21.3	18.6	19.1
Soil Preparation Services	0.2	0.2	0.2
Crop Services	4.9	0.4	3.6
Plant Cultivate & Protection	1.6	0.0	0.6
Harvest Primarily by Machine	0.0	0.0	1.0
Preparation Services for Market	3.3	0.4	2.0
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	16.2	18.0	15.3
Farm Labor Contractors	11.8	14.4	14.2
Farm Management Services	4.4	3.6	1.1

Industry	Jun 2000	May 2000	Jun 1999
Total Agriculture	8.19	8.16	8.19
Total Agricultural Production/Crops	8.12	8.09	7.85
Cash Grains	8.31	8.25	7.59
Rice	na	na	na
Other Cash Grains	8.31	8.25	7.59
Field Crops Except Grains	8.36	8.38	8.02
Cotton	na	na	7.64
Other Field Crops	8.36	8.38	8.39
Vegetables and Melons	7.84	7.75	8.25
Total Fruits and Tree Nuts	7.86	7.79	7.74
Berries	7.58	7.81	8.29
Grapes	7.96	7.76	8.74
Tree Nuts	na	na	7.94
Citrus Fruits	8.14	8.45	7.74
Deciduous Tree Fruit	7.14	6.77	6.13
Other Fruits & Nuts	8.49	8.17	7.61
Total Horticultural Specialties	8.15	8.03	7.74
Ornamental Floral & Nursery	7.72	7.45	7.98
Food Crops Grown Under Cover	8.57	8.61	7.49
General Farm Primarily Crop	8.18	8.33	7.76
Agricultural Production/Livestock	8.29	8.23	8.18
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	8.47	8.41	8.00
Dairy Farms	8.37	8.38	8.62
Chicken Eggs	na	na	5.88
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.02	7.90	10.20
Total Agricultural Services	8.17	8.17	8.56
Soil Preparation Services	8.73	8.97	9.00
Crop Services	8.25	7.66	8.51
Plant Cultivate & Protection	8.70	na	8.37
Harvest Primarily by Machine	na	na	8.67
Preparation Services for Market	7.79	7.66	8.49
Cotton Ginning	na	na	na
Total Farm Labor & Management	7.54	7.88	8.16
Farm Labor Contractors	7.64	7.95	7.95
Farm Management Services	7.43	7.80	8.37

na = not available

SAN JOAQUIN AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Jun 2000	May 2000	Jun 1999
Total Agriculture	225.5	206.1	239.4
Total Agricultural Production/Crops	86.9	84.4	89.4
Cash Grains	1.2	1.5	0.5
Rice	0.8	1.2	0.1
Other Cash Grains	0.4	0.3	0.4
Field Crops Except Grains	10.3	8.8	10.7
Cotton	7.6	4.3	7.6
Other Field Crops	2.7	4.5	3.1
Vegetables and Melons	7.9	7.9	6.6
Total Fruits and Tree Nuts	39.7	41.2	50.5
Berries	1.0	0.9	0.3
Grapes	21.6	19.3	24.8
Tree Nuts	4.2	4.5	5.7
Citrus Fruits	0.3	2.1	2.1
Deciduous Tree Fruit	11.4	9.9	12.4
Other Fruits & Nuts	1.2	4.5	5.2
Total Horticultural Specialties	7.8	5.6	4.9
Ornamental Floral & Nursery	7.6	5.3	4.9
Food Crops Grown Under Cover	0.2	0.3	0.1
General Farm Primarily Crop	20.0	19.4	16.2
Agricultural Production/Livestock	8.7	10.3	16.0
Beef Cattle Feed Lots	0.6	0.7	0.3
Beef Cattle Except Feed Lots	0.1	0.4	1.4
Dairy Farms	6.5	7.3	11.1
Chicken Eggs	0.5	0.7	0.6
Turkey & Turkey Eggs	0.1	0.1	0.7
Other Livestock	0.9	1.1	1.9
Total Agricultural Services	129.9	111.4	134.0
Soil Preparation Services	0.1	0.3	0.6
Crop Services	28.4	27.9	32.1
Plant Cultivate & Protection	4.0	6.8	4.7
Harvest Primarily by Machine	2.7	2.0	2.5
Preparation Services for Market	21.4	18.7	24.3
Cotton Ginning	0.3	0.4	0.6
Total Farm Labor & Management	101.4	83.2	101.3
Farm Labor Contractors	96.1	79.1	97.4
Farm Management Services	5.3	4.1	3.9

Industry	Jun 2000	May 2000	Jun 1999
Total Agriculture	7.96	8.05	7.66
Total Agricultural Production/Crops	7.65	7.59	7.73
Cash Grains	8.00	7.72	7.85
Rice	8.30	8.09	8.28
Other Cash Grains	7.70	7.34	7.41
Field Crops Except Grains	7.46	7.70	7.54
Cotton	7.28	7.55	7.78
Other Field Crops	7.63	7.85	7.29
Vegetables and Melons	7.68	7.82	6.92
Total Fruits and Tree Nuts	7.42	7.21	7.69
Berries	8.12	7.36	8.12
Grapes	6.84	6.47	7.08
Tree Nuts	7.91	7.68	7.54
Citrus Fruits	7.18	7.17	8.77
Deciduous Tree Fruit	7.10	6.82	7.13
Other Fruits & Nuts	7.34	7.73	7.47
Total Horticultural Specialties	7.73	7.70	8.67
Ornamental Floral & Nursery	7.71	7.64	8.97
Food Crops Grown Under Cover	7.75	7.75	8.37
General Farm Primarily Crop	7.59	7.41	7.72
Agricultural Production/Livestock	7.93	7.92	7.30
Beef Cattle Feed Lots	7.59	7.71	8.68
Beef Cattle Except Feed Lots	8.57	8.55	7.49
Dairy Farms	8.45	8.49	8.34
Chicken Eggs	6.85	6.76	6.21
Turkey & Turkey Eggs	7.75	7.75	5.90
Other Livestock	8.35	8.23	7.20
Total Agricultural Services	8.32	8.63	7.95
Soil Preparation Services	8.72	9.12	8.11
Crop Services	8.56	8.66	8.56
Plant Cultivate & Protection	8.54	8.44	7.39
Harvest Primarily by Machine	8.50	9.09	8.64
Preparation Services for Market	7.50	7.48	7.66
Cotton Ginning	9.71	9.62	10.55
Total Farm Labor & Management	7.67	8.11	7.17
Farm Labor Contractors	7.41	7.35	6.54
Farm Management Services	7.92	8.87	7.79

na = not available

SACRAMENTO VALLEY AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Jun 2000	May 2000	Jun 1999
Total Agriculture	21.1	17.7	15.0
Total Agricultural Production/Crops	14.8	13.6	9.7
Cash Grains	2.2	2.3	1.3
Rice	0.9	0.9	1.0
Other Cash Grains	1.3	1.4	0.3
Field Crops Except Grains	1.5	0.7	0.7
Cotton	0.0	0.0	0.0
Other Field Crops	1.5	0.7	0.7
Vegetables and Melons	4.3	1.0	0.9
Total Fruits and Tree Nuts	4.0	4.5	3.5
Berries	0.0	0.0	0.0
Grapes	1.0	1.6	0.9
Tree Nuts	1.2	0.8	1.5
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	1.6	1.1	0.9
Other Fruits & Nuts	0.2	1.0	0.2
Total Horticultural Specialties	0.5	1.7	1.0
Ornamental Floral & Nursery	0.5	1.7	1.0
Food Crops Grown Under Cover	0.0	0.0	0.0
General Farm Primarily Crop	2.3	3.4	2.3
Agricultural Production/Livestock	1.0	0.3	1.3
Beef Cattle Feed Lots	0.0	0.0	0.1
Beef Cattle Except Feed Lots	0.2	0.1	0.4
Dairy Farms	0.0	0.1	0.4
Chicken Eggs	0.0	0.0	0.0
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.8	0.1	0.4
Total Agricultural Services	5.3	3.8	4.0
Soil Preparation Services	0.0	0.0	0.0
Crop Services	2.5	1.3	1.4
Plant Cultivate & Protection	1.7	0.2	0.5
Harvest Primarily by Machine	0.2	0.3	0.3
Preparation Services for Market	0.6	0.8	0.6
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	2.8	2.5	2.6
Farm Labor Contractors	2.8	2.5	2.3
Farm Management Services	0.0	0.0	0.3

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Jun 2000	May 2000	Jun 1999
Total Agriculture	7.89	7.83	7.85
Total Agricultural Production/Crops	7.76	7.85	7.70
Cash Grains	8.05	8.15	7.89
Rice	7.81	8.13	8.28
Other Cash Grains	8.28	8.17	7.49
Field Crops Except Grains	7.96	8.09	7.93
Cotton	na	na	na
Other Field Crops	7.96	8.09	7.93
Vegetables and Melons	7.43	7.65	7.40
Total Fruits and Tree Nuts	7.69	7.69	7.62
Berries	na	na	na
Grapes	7.41	7.44	7.48
Tree Nuts	8.24	7.94	8.08
Citrus Fruits	na	na	na
Deciduous Tree Fruit	7.39	7.64	7.74
Other Fruits & Nuts	7.72	7.73	7.18
Total Horticultural Specialties	7.84	7.81	7.99
Ornamental Floral & Nursery	7.84	7.81	7.99
Food Crops Grown Under Cover	na	na	na
General Farm Primarily Crop	7.57	7.70	7.36
Agricultural Production/Livestock	7.79	7.89	8.17
Beef Cattle Feed Lots	na	na	8.17
Beef Cattle Except Feed Lots	7.85	7.80	8.49
Dairy Farms	na	8.08	8.53
Chicken Eggs	na	na	na
Turkey & Turkey Eggs	na	na	na
Other Livestock	7.73	7.79	7.47
Total Agricultural Services	8.12	7.74	7.70
Soil Preparation Services	na	na	na
Crop Services	8.38	8.34	8.21
Plant Cultivate & Protection	8.46	8.26	8.06
Harvest Primarily by Machine	8.10	8.19	8.67
Preparation Services for Market	8.57	8.57	7.90
Cotton Ginning	na	na	na
Total Farm Labor & Management	7.87	7.14	7.18
Farm Labor Contractors	7.87	7.14	6.30
Farm Management Services	na	na	8.06

DATA NOTES

Data Sources:

These data are obtained from two sources: the Employment Development Department (EDD) Covered Employment and Wages (ES-202) data files and a monthly survey conducted by the California Agricultural Statistical Service (CASS) of the U.S. Department of Agriculture (USDA) and the Labor Market Information Division of EDD of 4,200 agricultural employers. The sample was selected to be representative of the state's agricultural employers by size, geographic location, and industry categories. Sample data are gathered for the survey week that includes the 12th calendar day of the month. All data in this bulletin represent activities taking place during this mid-month period. Same month prior year employment data are benchmarked to the ES-202 data files maintained by EDD.

Data Comments:

To aid in accurate usage and interpretation of the data, please note the following:

- **Agricultural Services employment survey data may be recalculated; historical trend information is used to adjust sample data when low response rates occur.**
- Regional data may show greater variability than statewide data because of small sample size and variable reporting patterns in specific industries.
- Current month regional estimates are based on the recorded addresses of owner-operators. Same month prior year regional data are based on worksite locations. Significant differences between regional current month and same month prior year data could result, although statewide totals might be comparable.
- Where data cannot be estimated because of inadequate sample reporting, the letters "na" have been entered into the field to indicate estimates are not available.
- Wage data include wages of supervisors and hired non-production workers (primarily administrative personnel). Piece rate data are also included where applicable.
- Fishing, forestry, and hunting industry data are not included in the Agricultural Services estimates. Unique seasonal industry patterns of employment make producing employment estimates for these industries problematic.
- Employment data do not include employers of unpaid family workers.
- Agricultural workers who are employed by farm labor contractors are reported in Agricultural Services under that industry category. Employment levels in Crop Production and Livestock Production do not reflect their activities in the associated industries that contract with the farm labor contractors.

Total agricultural employment and hourly earnings estimates in this bulletin are derived from the monthly Current Employment Statistics for Agriculture project. Estimates in this bulletin will differ from other agricultural estimates published by EDD and the USDA because of differences in the number of industries covered and in the definition of agricultural workers.

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